

[Your Full Name]
[Your Current Title/Department]
[Your Institution]
[Email Address]
[Phone Number]
[Personal/Lab Website Portfolio URL]

[Date]

[Search Committee Chair Name]
[Department Name]
[University Name]
[Campus Address]

Dear Members of the Search Committee,

I am writing to formally express my interest in the Assistant Professor position in the Department of [Department Name] at [University Name], as advertised in [Source]. With a background in [Specific Engineering Discipline] and a research focus on [Core Research Area], I am eager to contribute to the academic excellence and innovative research culture at [University Name].

My primary research interests lie in [Detailed Research Topic 1] and [Detailed Research Topic 2]. During my [Doctoral/Postdoctoral] work at [Institution], I developed [Key Technology, Method, or Discovery] which resulted in [Major Publication or Achievement]. At [University Name], I plan to establish the [Name of Proposed Lab], focusing on [Future Research Goal]. My aim is to secure external funding from agencies such as the NSF, NIH, and DOE to support interdisciplinary projects that bridge the gap between [Sub-field A] and [Sub-field B].

In addition to my research, I am deeply committed to engineering education. I have experience teaching [Course Names] and am prepared to develop new graduate-level curricula in [Specialized Topic]. My teaching philosophy centers on [Pedagogical Approach, e.g., active learning or project-based design], ensuring that students develop the technical rigor and problem-solving skills necessary for modern engineering careers.

[University Name]'s reputation for [Specific University Strength, e.g., collaborative research or industry partnerships] aligns perfectly with my professional goals. I am particularly interested in potential collaborations with [Names of Faculty or Research Centers] to advance [Specific Goal].

Thank you for your time and consideration. I have attached my curriculum vitae, research and teaching statements, and a list of references. I look forward to the possibility of discussing how my expertise can support the growth of the [Department Name].

Sincerely,

[Your Signature]

[Your Typed Name]